



Dart Aerospace Ltd.
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Hawkesbury, ON
K6A 1K7
Canada

Tel (613) 632-5200
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647.0112

Job Sheet 200999



Part No: 647.0112

Job Qty: 50 pcs

Part Name: Strut Bracket



Part Weight: 0 lbs

Status: New

Priority: Medium

Job Created: 9/20/19

Job Tracking No:

Due Date: 10/28/19

Created By: Jennifer Renwick

Type: Stock

Description:

Note: DWG 647.0100 REV.B SHEET 3 IPP REV:A 12.08.14 NEW ISSUE DD VERF:JFS IPP REV:B 18.02.08 AS
PER DWG REV.B DD VERF:JFS

Ship Via:

Bill of Materials

Job Routing

Op No	Operation	Qty	Start Date	Due Date	Standard		Workcenter/Supplier		Sign-off
					Setup Hrs	Run Hrs	Workcenter / Supplier	Lead Time	
100	Waterjet - Flow - 1	50 pcs		10/28/19	0.17	1.67	Waterjet - Flow		2/19/10/06
110	QC 2	50 pcs		10/28/19	0.00	0.00	QC 2 - 1		
							QC 2 - 12		
							QC 2 - 14		
							QC 2 - 17		
							QC 2 - 19		
							QC 2 - 2		
							QC 2 - 20		
							QC 2 - 22		
							QC 2 - 23		
							QC 2 - 25		
							QC 2 - 32		
							QC 2 - 33		
							QC 2 - 35		
							QC 2 - 39		
							QC 2 - 4		
							QC 2 - 40		
							QC 2 - 44		
							QC 2 - 45		
							QC 2 - 48		2/19/10/06
							QC 2 - 49		
							QC 2 - 50		
							QC 2 - 51		
							QC 2 - 52		
							QC 2 - 57		

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9/20/2019

[Dart Hawkesbury] Job Sheet - Renwick, Jennifer

120 QC 8	50 pcs	10/28/19	0.00 0.00	QC 2 - 62	
				QC 2 - 63	
				QC 2 - 8	
				QC 2 - 66	
				QC 2 - 64	
				QC 2 - 65	
				QC 2 - 5	
				QC 2 - 71	
				QC 2 - 73	
				QC 2 - 69	
				QC 8 - 12	
				QC 8 - 14	
				QC 8 - 17	
				QC 8 - 20	
				QC 8 - 25	
				QC 8 - 3	
				QC 8 - 32	
				QC 8 - 33	
				QC 8 - 35	
				QC 8 - 39	
				QC 8 - 4	
				QC 8 - 44	
				QC 8 - 45	
				QC 8 - 49	
130 Small Fab - Brake NC - B4B	50 pcs	10/28/19	0.25 2.50	QC 8 - 58	
				QC 8 - 8	
				QC 8 - 9	
				QC 8 - 68	
				QC 8 - 67	
				QC 8 - 1 (A)	
				QC 8 - 47	
				QC 8 - 40	
				QC 8 - 52	
				QC 8 - 23	
140 QC 5	50 pcs	10/28/19	0.00 0.00	QC 8 - 57	
				QC 8 - 76	
				QC 8 - 61	
				QC 5 - 10	
				Small Fab - Brake - 1 - B4B	
				Small Fab - Brake - 2 - B4B	
				Small Fab - Brake - 3 - B4B	
				QC 5 - 12	
				QC 5 - 17	
				QC 5 - 18	
				QC 5 - 19	
				QC 5 - 22	
				QC 5 - 24	
				QC 5 - 3	
				QC 5 - 43	
				QC 5 - 49	
				QC 5 - 51	
				QC 5 - 58	

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					QC 5 - 68	
					QC 5 - 9	
					QC 5 - 50	
					QC 5 - 30	
					QC 5 - 40	
					QC 5 - 61	
					QC 5 - 81	
150	Spray Paint - 2 - B4B	50 pcs	10/28/19	0.00 1.17	Spray Paint - 1 - B4B	
					Spray Paint - 2 - B4B	
					Spray Paint - 3 - B4B	
					Spray Paint - 4 - B4B	
160	QC 14	50 pcs	10/28/19	0.00 0.00	QC 14 - 15	
					QC 14 - 2	
					QC 14 - 34	
					QC 14 - 41	
					QC 14 - 51	
					QC 14 - 58	
					QC 14 - 59	
					QC 14 - 9	
					QC 14 - 68	
					QC 14 - 40	
					QC 14 - 19	
					QC 14 - 43	
					QC 14 - 24	
					QC 14 - 61	
					QC 14 - 81	
170	Packaging 3-1 - Stock - B4B	50 pcs	10/28/19	0.00 0.00	Packaging 3 - 1 - B4B	
					Packaging 3 - 2 - B4B	
					Packaging 3 - 3 - B4B	
					Packaging 3 - 4 - B4B	
					Packaging 3 - 5 - B4B	
					Packaging 3 - 6 - B4B	
					Packaging 3 - 7 - B4B	
					Packaging 3 - 8 - B4B	
					Packaging 3 - 9 - B4B	
					Packaging 3 - 10 - B4B	
					Packaging 3 - 11 - B4B	
					Packaging 3 - 12 - B4B	
					Packaging 3 - 13 - B4B	
					Packaging 3 - 14 - B4B	
					Packaging 3 - 15 - B4B	
					Packaging 3 - 16 - B4B	
					Packaging 3 - 17 - B4B	
					Packaging 3 - 18 - B4B	
					Packaging 3 - 19 - B4B	
					Packaging 3 - 20 - B4B	
					Packaging 3 - 21 - B4B	
					Packaging 3 - 22 - B4B	
					Packaging 3 - 23 - B4B	
					Packaging 3 - 24 - B4B	
					Packaging 3 - 25 - B4B	
					Packaging 3 - 26 - B4B	
					Packaging 3 - 27 - B4B	
					Packaging 3 - 28 - B4B	

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					Packaging 3 - 29 - B4B	
					Packaging 3 - 30 - B4B	
					Packaging 3 - 31 - B4B	
					Packaging 3 - 32 - B4B	
					Packaging 3 - 33 - B4B	
					Packaging 3 - 34 - B4B	
					Packaging 3 - 35 - B4B	
					Packaging 3 - 36 - B4B	
180 QC 21 - SA	50 pcs	10/28/19	0.00 0.00	QC 21 - SA - 21		
				QC 21 - SA - 70	OCT 16 2019	DAS 70
				QC 21 - SA - 53		9-89

Part Op 100 - 1-Cut as per Dwg Dwg Rev: B Prog Rev: B 2-Deburr if necessary

Descriptions: 110 - (QC2- Inspect parts off machine FAI/FAIB)

120 - (QC8- Inspect parts - second check)

130 - (Form as per dwg) USE DT9834 FOR FORMING

140 - (QC5- Inspect part completeness to step on W/O)

150 - (Spray Paint / NDT Room) PRIME AS PER IAW MIL-PRF-23377 TYPE 1 CLASS N PRIME AS PER DWG NOTE 6
BATCH: 5195271

160 - (QC14- Inspect Spray Paint)

170 - (Identify as per dwg & Stock Location: _____) ***IDENTIFY AS PER APICAL MPP-120 BY STAMPING P# AND REV***

180 - (QC21- Final Inspection - Work Order Release)

Job BOM

Part / Item	Component Name	Quantity	Operation	Container
M304S14GA	304SS sheet .080	1.6250 sf (.0325 ea)	100-Waterjet - Flow - 1	<u>5175152</u>

Job Allocations

Operation	Component Part	Required	Inventory	Allocated
100-Waterjet - Flow - 1	M304S14GA	2	14	0

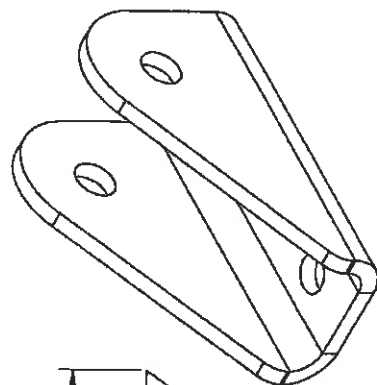
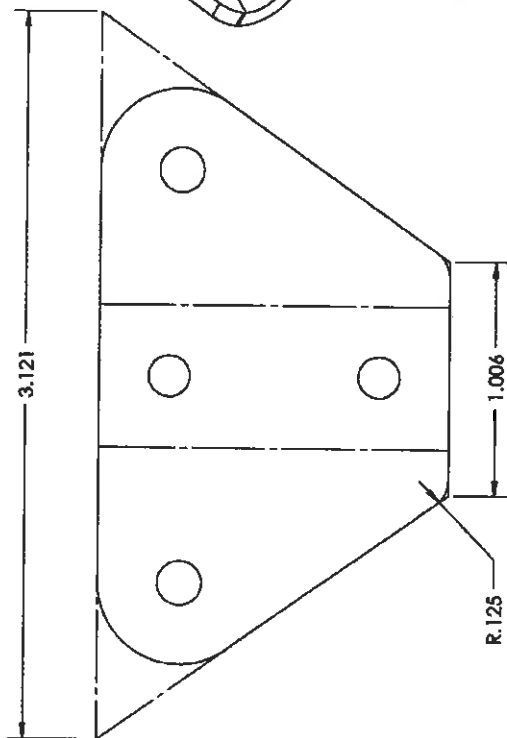
Part Specifications

Spec No	Description	Target/Tolerance	Limits	Type	Special Comments
1	Strut Bracket	0.177Inches + 0.005 - 0.001	0.182 0.176		
2	Strut Bracket	0.191Inches + 0.005 - 0.001	0.196 0.190		
3	Strut Bracket	0.300Inches ± 0.030	0.330 0.270		
4	Strut Bracket	0.900Inches ± 0.030	0.930 0.870		
5	Strut Bracket	0.350Inches ± 0.010	0.360 0.340		
6	Strut Bracket	1.500Inches ± 0.030	1.530 1.470		
7	Strut Bracket	1.006Inches ± 0.030	1.036 0.976		
8	Strut Bracket	0.080Inches ± 0.010	0.090 0.070		

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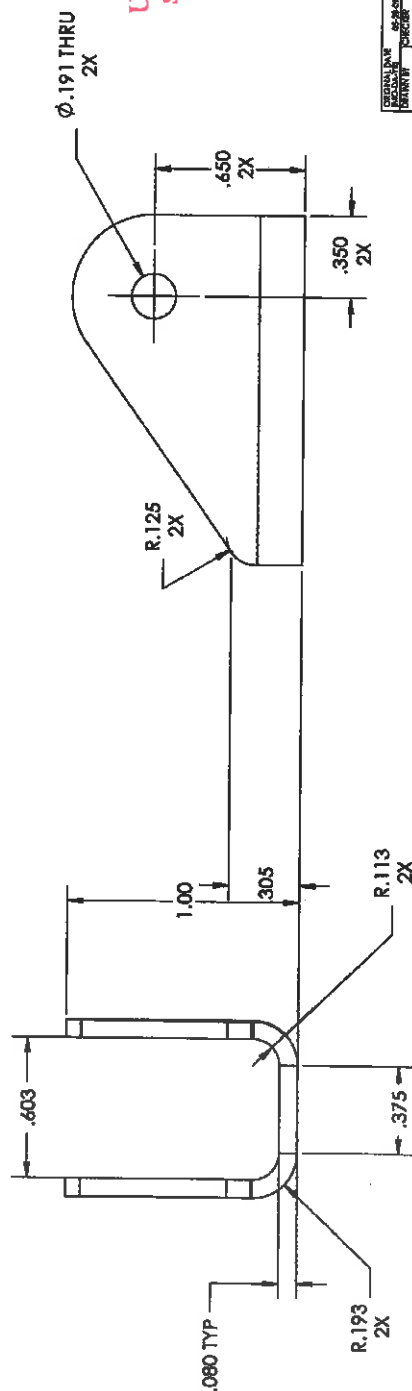
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SHOP COPY
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SUBJECT TO AMENDMENT
WITHOUT NOTICE
WORK ORDER
NO. 200999

[illegible]

Entered: _____

Date: _____

WORK ORDER NON-CONFORMANCE / ROUTE UPDATE

NCR No. _____

Route update only ☐

Job: _____ Part No. _____		DISPOSITION Rework ☐ ☐ ☐ Scrap ☐ ☐ ☐ Use-as-is ☐ ☐ ☐		DEPARTMENT/PROCESS Skid-tube ☐ ☐ ☐ ☐ ☐ Machining ☐ ☐ ☐ ☐ ☐ Large Fab ☐ ☐ ☐ ☐ ☐		Cross tube ☐ ☐ ☐ ☐ ☐ Small Fab ☐ ☐ ☐ ☐ ☐ Finishing ☐ ☐ ☐ ☐ ☐		Eng. (Non-AW) ☐ ☐ ☐ ☐ ☐ Prod. Eng. Coord. ☐ ☐ ☐ ☐ ☐ Rec/Store/Packaging ☐ ☐ ☐ ☐ ☐		Engineering ☐ ☐ ☐ ☐ ☐ Water Jet ☐ ☐ ☐ ☐ ☐ Supplier ☐ ☐ ☐ ☐ ☐ Quality ☐ ☐ ☐ ☐ ☐																													
Date: _____		Sequence #: _____		QTY Affected: _____		MRB (QS1042)																																	
Description Work Order Deviation				Disposition																																			
Root Cause Operator ☐ ☐ ☐ ☐ ☐ Manufacturing Process ☐ ☐ ☐ ☐ ☐ Equip/Tooling ☐ ☐ ☐ ☐ ☐ Handling/Preservation ☐ ☐ ☐ ☐ ☐ Material ☐ ☐ ☐ ☐ ☐ Product Improvement ☐ ☐ ☐ ☐ ☐ Process Improvement ☐ ☐ ☐ ☐ ☐ Human Factors ☐ ☐ ☐ ☐ ☐				FAULT CATEGORY <table border="1"> <tr> <td>Pressure/Forced</td> <td>Contamination</td> <td>Power Loss/Surge</td> <td>Positioned Wrong</td> </tr> <tr> <td>Bending</td> <td>Misaligned/off center</td> <td>Folio/Program</td> <td>Outside Tolerance</td> </tr> <tr> <td>Crushing</td> <td>BOM/Route</td> <td>Grain Direction</td> <td>Drawing</td> </tr> <tr> <td>Cracks</td> <td>Broken/Damage/Defect</td> <td>Weld</td> <td>Finish</td> </tr> <tr> <td>Crimp/Kink/Ripple/Wave/Twist</td> <td>Incomplete/Unclear Instructions</td> <td>Wrong Stock Pulled</td> <td>Part Lost/Missing</td> </tr> <tr> <td>Marks/Chatter</td> <td>Drill Holes</td> <td>Out of Sequence</td> <td>Misread</td> </tr> <tr> <td>Mislabeled</td> <td>Fit/Function</td> <td>Off-set/Set-up</td> <td></td> </tr> </table>								Pressure/Forced	Contamination	Power Loss/Surge	Positioned Wrong	Bending	Misaligned/off center	Folio/Program	Outside Tolerance	Crushing	BOM/Route	Grain Direction	Drawing	Cracks	Broken/Damage/Defect	Weld	Finish	Crimp/Kink/Ripple/Wave/Twist	Incomplete/Unclear Instructions	Wrong Stock Pulled	Part Lost/Missing	Marks/Chatter	Drill Holes	Out of Sequence	Misread	Mislabeled	Fit/Function	Off-set/Set-up	
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Completed By _____ Lead hand / Supervisor _____ QC / QA Coordinator _____																																							